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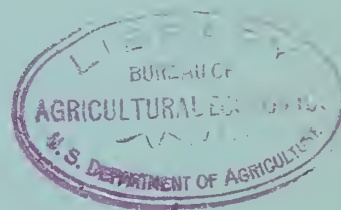
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IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

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Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

BLACK HAWK COUNTY

* * *

County Statistical Bulletin

No. 35

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

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IOWA STATE COLLEGE EXTENSION SERVICE
R. K. Bliss, Director

AGRICULTURAL STATISTICS - BLACK HAWK COUNTY

County Statistical Bulletin No. 35

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FOREWARD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, State and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 27 and 29.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
November, 1940

IOWA AGRICULTURAL STATISTICS -- BLACK HAWK COUNTY

Black Hawk County originally belonged to Buchanan County. The General Assembly of Iowa established it as a separate county on February 17, 1847. 1/ However, it was still attached to Buchanan County for judicial purposes. It was not fully organized until 1853, when the county officers were elected and the county-seat was located at Cedar Falls on the Cedar River. The name is in honor of Chief Black Hawk, the noted leader of the Sac and Fox Indians. 2/

The first settler on record was a French trader named Paul Somanoux, who came up the Cedar River to the rapids where Cedar Falls now stands and opened a trading post in 1837. He was followed by two other men that same year, and William Chambers came from Louisa County in 1844. None of these settlers engaged in farming, but traded with the Indians for furs and skins.

In the spring of 1845 William Sturgis and wife, from Michigan, and A. E. Adams and wife, from Johnson County, made an excursion up the Cedar River in search of good water power. They took claims on the river bank where Cedar Falls now stands and Mr. Sturgis began construction of a dam across the river. The settlement soon became known as Sturgis Falls. A saw mill was erected at this place in 1847, and, in 1851, a town was laid out and named Cedar Falls.

In 1846, a settlement was made about seven miles below Cedar Falls at a point known as Prairie Rapids. This later became the city of Waterloo and in 1855 was designated as the county-seat. 3/

The two principal cities of the county developed along entirely different lines. After the completion of the Dubuque and Sioux City Railroad in 1861, Cedar Falls experienced a typical boom; the saw and flour mills ran at top speed for the entire 24 hours of the day, stores remained open till late at night, and the farmers made the town their shipping center. When the construction of the railroad was resumed westward in 1869, it was necessary to shut the water out of the mill races temporarily. The owners of the mills charged too much to suit the railroad company, so the shops and the division point were moved to Waterloo. A soldiers' orphans home, established in Cedar Falls in 1865, was discontinued in 1876 and a State Normal School was opened in the building. This was changed to the Iowa State Teachers' College in 1909 and is now recognized as a leading educational center in the Middle West. 4/

1/ Gue, B. F., History of Iowa. Vol. III, p. 309. The Century History Co., New York City. 1903.

2/ Ibid. pp. 310-311.

3/ Ibid. p. 310.

4/ Iowa, A Guide to the Hawkeye State. Compiled and written by the Federal Writers' Project of the Works Progress Administration for the State of Iowa. pp. 453-454. The Viking Press, New York City. 1938.



Waterloo has been a manufacturing and railroad center almost since its beginning. It is said that one-fifth of all farm-type gasoline engines manufactured in America are made here. It has important meat packing, mail order farm implement concerns and refrigeration industries. It is the home of the famous National Belgian Horse Show and Dairy Cattle Congress. This exhibition is subsidized by Waterloo. 5/

The Waterloo-Cedar Falls industrial center is among the largest in the eastern part of the State. In 1929, their 125 factories hired 7,114 workers and had an output of over \$90,000,000. 6/

Area

Black Hawk County is approximately 24 miles each way, comprising 565 square miles, or 361,600 acres. Of this amount, 338,878 acres are listed as farm lands. 7/ There are 16 Congressional townships and 18 civil townships within the county. The two northern tiers of townships are set off about 1 mile to the west because the correction line which constitutes the northern boundary of Township 88 runs through the center of the county. It ranks thirty-sixth in point of size in the State.

Soils

The greater part of the soils of Black Hawk County have been derived from two sources, glacial debris, called drift, and wind deposited material known as loess. The terraces and bottom-lands along the rivers and streams have been formed by combinations of these two substances.

The four soil groups, drift, loess, terrace, and swamp and bottom-land are classified into 29 individual types with varying contents of silt, sand, gravel, clay and some boulders.

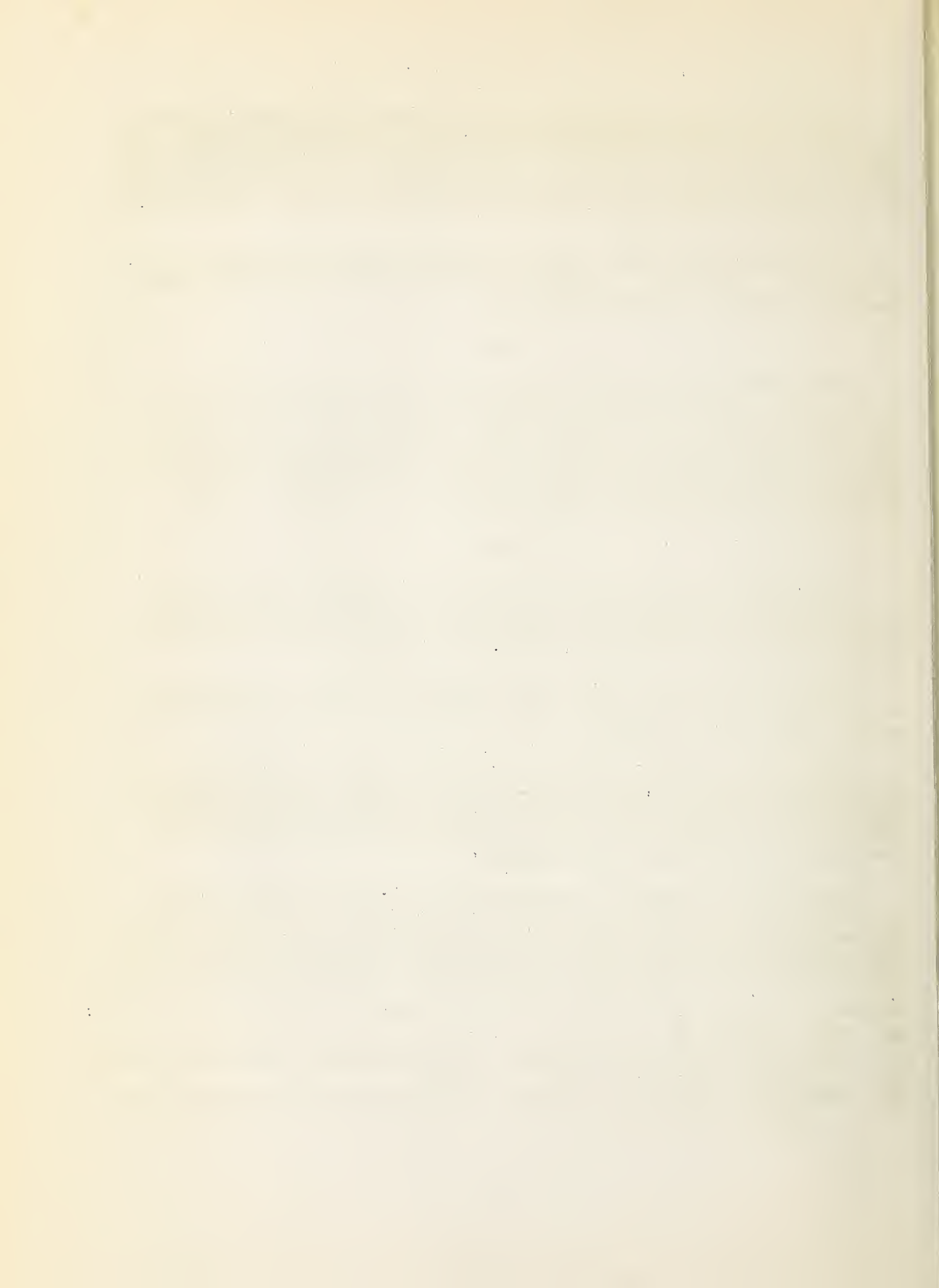
Drift soils cover 44.1 percent of the total area and are classified in the Carrington, Clyde, Webster, Thurston, and Dodgeville series. These predominate in the triangular half of the county lying east and north of the Cedar River. In general, the surface is moderately rolling with occasional steep slopes and strongly rolling regions.

Loess soils are second in importance, but are confined almost entirely to the southwestern half of the county. They belong to the Clinton and Tama loam series and occupy 32.2 percent of the surface. The fine texture and friable quality of these loams aid in the retention of moisture and permit easy tillage, while the gently rolling character of the surface assures good drainage.

5/ Ibid. pp. 314-315.

6/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Manufactures. Vol. II, p. 182.

7/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 10.



Terrace soils are somewhat less productive than the drift and loess soils and cover 15.9 percent of the entire area. These are classified in the Waukesha, O'Neill, Bremer, and Calhoun series, and are found along the entire course of the Cedar and Wapsipinicon rivers. While being somewhat hummocky in places, a fairly level surface prevails.

Swamp and bottom-land soils account for the remaining 7.7 percent of the area. Some Wabash and Cass loams have been mapped, but the majority is so variable in composition and structure, due to frequent inundations and poor drainage, that classification is impracticable. This latter area is designated as meadow. Minor areas of muck are found throughout the county, with timber and pasture land comprising the greater part of this group. 8/

Topography

The topography of Black Hawk County consists mainly of smoothly rolling prairies, diagonally bisected by the southeastward flowing Cedar River. Its many tributaries penetrate virtually the entire area, except the northeastern corner, which is traversed for a short distance by the Wapsipinicon River. The broad, shallow valley of the Cedar River is marked in most places by terraced floors and gentle slopes. However, in several localities rather high bluffs overlook the streams. This condition also exists to a lesser degree along the Wapsipinicon River and other larger streams.

The only hills of any consequence occur in varying extent along the eastern side of the Cedar Valley. None of these hills are very steep or rough. Considerable native timber is found along the rivers and larger streams. 9/

Climate

The average temperature for 38 years (1892-1930) was 47.0 degrees. The average precipitation for 54 years (1876-1930) was 31.21 inches, and the growing season averaged 151 days between the killing frost dates of May 5 and October 3, recorded over a period of 36 years. 10/

Population

This county is unique in its population history. The first recorded count in 1850 lists 135 inhabitants and at each succeeding enumeration there has been a substantial increase. Black Hawk County is the third largest in point of population in the State and has a density of 122 persons per square mile, as compared with the State density of 44.

8/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Black Hawk County, Soil Survey Report No. 14: 9-10. 1920.

9/ Ibid. pp. 9-10.

10/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 52--Eastern Iowa. pp. 24, 26, 27. 1933.



The following table shows the number of inhabitants recorded at 10-year intervals:

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1850	135	-	-
1860	8,244	-	-
1870	21,706	-	-
1880	23,913	-	-
1890	24,219	-	-
1900	32,399	19,894	12,505
1910	44,865	33,586	11,279
1920	56,570 <u>11/</u>	45,395 <u>12/</u>	11,175
1930	69,146 <u>13/</u>	56,808	12,338
1935	-	-	10,911 <u>14/</u>

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage comprised 28 percent of the entire population. There were 2,795 Danes, 1,837 Irish and 762 Germans. Many other nationalities were listed but they had comparatively small representations, 15/

Cooperatives

In 1937 there were 6 cooperative institutions in operation in this county--1 elevator, 3 creameries, 1 livestock enterprise and 1 petroleum plant.

As a whole, they had 3,741 members, of which 3,448 were active, and 5,173 persons did business with the 6 concerns. The selling cooperatives had a business volume of \$1,378,443 and the purchasing cooperatives transacted \$379,190 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 16/

11/ Census of Iowa. 1925. pp. 708-709. 1926.

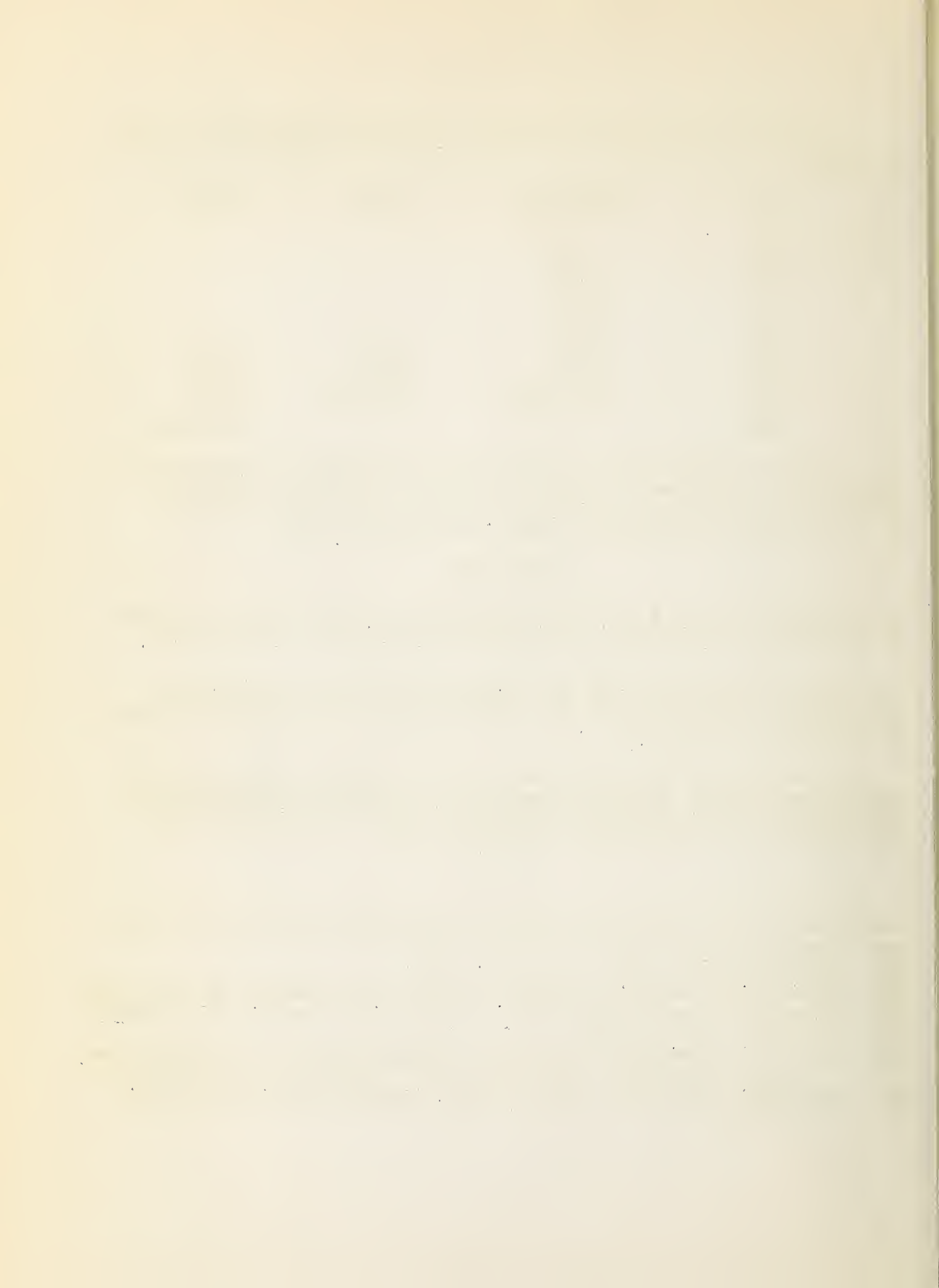
12/ Ibid. pp. 925 et seq.

13/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 368 et seq.

14/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 10.

15/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.

16/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.



Fruit

There were 62,397 apple trees and 48,192 bushels listed in 1884, the best year on record. Peaches have never been of any significance in this county. The record listing for plums was in 1894, when 14,030 trees bore 3,626 bushels. The best cherry crop was recorded in 1884, when 4,510 trees produced 1,563 bushels. The peak year for grapes was 1874, when 24,358 vines yielded 82,804 pounds. 17/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

-
- 17/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
 2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
 3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.

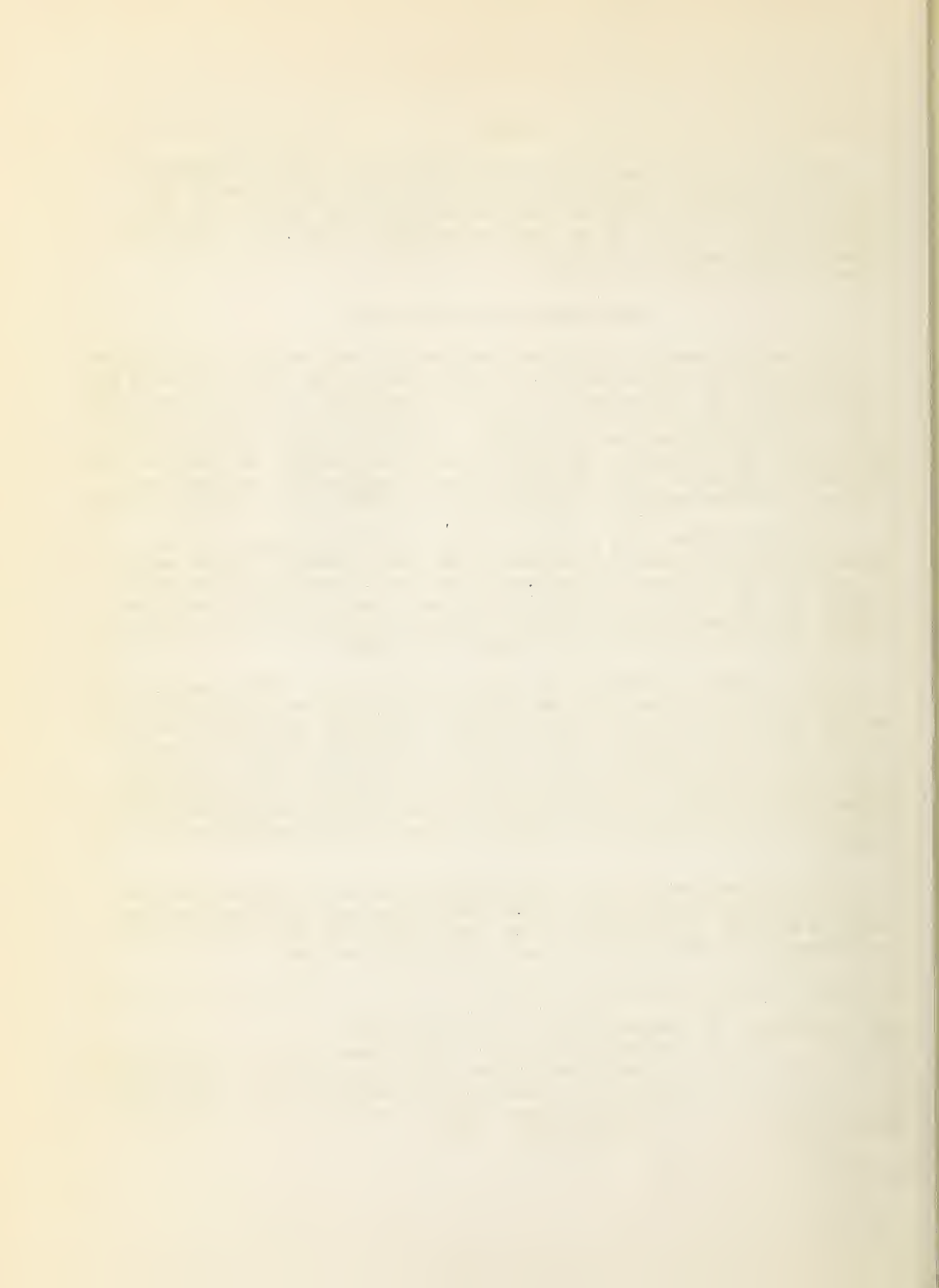


TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	2300	343087	149	109416	41	64829	33	349	25	4268	26
1930	2404	340504	142	111103	38	67181	37	377	22	3051	31
1931	2396	341529	143	113069	34	64278	30	370	19	2770	29
1932	2377	341610	144	117371	46	62864	37	306	19	3758	22
1933	2395	342718	143	114710	42	67499	31	280	17	3036	24
1934	2447	345333	141	94458	32	48924	8	200	5	1536	7
1935	2438	343671	141	99320	45	58674	38	318	21	2242	30
1936	2367	340833	144	107304	21	61710	32	393	20	1103	23
1937	2390	343154	144	113958	48	62549	47	706	19	1417	31
1938	2403	339863	141	103657	53	61865	34	530	21	1015	31
10 Yr. Ave.	2392	342230	143	108537	40	62037	33	383	19	2425	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	1625	11	1743	14	391	419	14	1972	36131
1930	1347	12	2030	15	521	240	-	2420	32317
1931	1227	9	1763	15	330	221	52	2649	33195
1932	1114	9	2649	18	390	63	25	3354	33400
1933	753	10	3762	17	329	799	-	4433	37915
1934	572	3	4989	16	26	-	-	4294	40368
1935	812	13	11753	21	2002	56	-	5314	42851
1936	735	12	6614	13	351	160	2	5661	39085
1937	1341	18	7447	19	643	-	-	5701	33834
1938	1305	15	9652	22	463	81	17	4887	37055
10 Yr. Ave.	1084	12	5240	18	550	204	11	4068	36615

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	3906	93693	3725	17691	825	2369	2112
1930	3811	92629	3955	17481	591	2898	1212
1931	3264	92328	5238	17609	1331	3744	911
1932	3219	89886	1900	18048	1303	3712	1165
1933	3070	84041	2655	17408	1455	4330	1470
1934	2574	105344	4394	17631	1105	4257	18905
1935	2941	94051	4182	17543	1569	3666	1747
1936	2650	92548	2447	17602	1161	3304	3324
1937	2678	90774	3072	17395	712	3794	2334
1938	2570	94214	3013	18593	485	4058	1371
10 Yr. Ave.	3068	92951	3453	17750	1054	3613	3455

10 Year Average Acres: Spring Wheat 199 ; Flaxseed 35 ; Popcorn 39 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	18,181	1.94	1,972	3.79	3,906	1.33	36,131	2.05
1930	22,891	1.40	2,420	3.12	3,811	1.33	32,317	1.51
1931	20,666	1.00	2,649	1.18	3,264	.74	33,195	.95
1932	11,892	1.50	3,354	3.25	3,219	.84	33,400	1.66
1933	25,241	1.31	4,433	2.56	3,070	.92	37,915	1.60
1934	15,816	.55	4,294	2.56	2,574	.65	40,368	1.47
1935	18,406	1.51	5,314	2.96	2,941	.60	42,851	1.70
1936	19,880	1.10	5,661	1.90	2,650	1.19	39,085	1.36
1937	12,978	1.09	5,701	2.23	2,678	.85	33,834	1.54
1938	14,590	1.58	4,887	2.50	2,570	1.00	37,055	1.61
10 Yr. Ave.	18,054	1.30	4,068	2.53	3,068	.97	36,615	1.55

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Barclay Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	134	23027	172	7186	35	4732	28	-	-	237	19
1930	132	22160	168	6823	38	5091	36	-	-	59	34
1931	136	22547	166	6878	33	4600	31	-	-	86	29
1932	150	22886	153	7812	45	4875	37	7	14	64	24
1933	148	22981	155	7570	46	5023	31	-	-	57	31
1934	146	22948	157	5961	32	3915	9	-	-	27	6
1935	142	22661	160	6366	48	4335	39	-	-	40	32
1936	144	22848	159	6937	24	4785	36	-	-	16	16
1937	150	22928	153	7309	40	4674	47	5	22	3	25
1938	143	22906	160	6611	53	4711	34	18	15	-	-
10 Yr. Ave.	142	22789	160	6945	40	4674	33	3	16	59	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	50	8	127	13	5	43	14	-	2879
1930	20	8	25	17	30	70	-	-	2389
1931	4	9	57	18	-	79	18	16	2537
1932	21	11	103	19	14	-	-	73	2984
1933	29	10	318	12	14	99	-	145	3021
1934	16	4	225	15	-	-	-	141	3850
1935	2	8	899	19	156	-	-	240	3389
1936	28	12	183	13	-	23	-	288	3698
1937	35	16	475	17	-	-	-	229	2948
1938	38	11	636	21	-	-	-	177	3260
10 Yr. Ave.	24	10	305	17	22	31	3	131	3096

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	487	6161	12	1137	-	-	-
1930	515	6015	28	1122	-	43	-
1931	429	6654	88	1196	-	-	-
1932	468	5127	49	1321	36	5	-
1933	417	5141	58	1208	36	57	32
1934	258	6280	154	1199	40	36	987
1935	385	5379	210	1223	44	91	142
1936	350	5377	5	1277	-	45	147
1937	290	5676	116	1273	-	71	53
1938	408	5723	126	1294	-	36	45
10 Yr. Ave.	401	5753	85	1225	16	38	141

10 Yr. Ave. Acres - Spring Wheat 5

*Included in "All Tame Hay."

Popcorn 3 Flaxseed 0

Source: Iowa Department of Agriculture,

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Bennington Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	143	22795	159	7231	42	4684	34	-	-	227	26
1930	149	22185	149	7013	39	5028	32	4	25	51	21
1931	146	22788	156	7486	32	4785	33	-	-	96	17
1932	148	22858	154	7645	47	4846	42	-	-	151	20
1933	153	22896	150	7389	44	5081	33	5	27	77	17
1934	152	22787	150	6416	31	4621	8	-	-	-	-
1935	149	22623	152	6569	43	4467	34	-	-	77	30
1936	147	22515	153	7088	26	4719	35	5	33	55	23
1937	147	22797	155	7768	48	4647	52	18	15	34	28
1938	144	22804	158	7049	58	4685	36	26	18	50	28
10 Yr. Ave.	148	22705	154	7165	41	4756	34	6	20	82	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	85	12	-	20	-	45	2440
1930	15	10	70	10	22	-	-	49	1945
1931	-	-	75	14	-	-	-	56	2270
1932	12	21	170	16	-	-	-	66	2124
1933	3	12	232	16	12	-	-	93	2535
1934	10	4	364	15	-	-	-	73	2928
1935	12	12	619	20	117	-	-	177	3150
1936	13	27	281	16	58	-	-	204	2641
1937	55	21	331	23	16	-	-	195	2147
1938	15	18	628	27	10	-	-	253	2450
10 Yr. Ave.	14	18	286	20	24	2	0	121	2463

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	590	5963	109	1362	-	84	20
1930	543	6017	145	1298	32	2	-
1931	416	6072	201	1387	-	-	-
1932	404	6116	51	1323	-	16	-
1933	397	5818	56	1246	11	21	13
1934	356	6358	97	1243	26	43	325
1935	350	5844	87	1315	6	-	10
1936	398	5810	70	1230	-	6	141
1937	350	6016	62	1289	4	20	40
1938	328	6155	94	1268	11	35	-
10 Yr. Ave.	413	6017	97	1296	9	23	55

10 Yr. Ave. Acres - Spring Wheat 6

*Included in "All Tame Hay."

Popcorn 1 Flaxseed 1

Source: Iowa Department of Agriculture,

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELDS

Big Creek Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	90	14416	160	5033	40	2704	33	-	-	225	30
1930	107	14433	135	4627	35	2715	34	4	30	101	32
1931	107	14258	133	4535	34	2708	28	-	-	37	33
1932	111	15033	135	4949	44	2505	37	31	19	101	25
1933	104	14394	138	4873	41	2737	32	-	-	192	20
1934	107	14484	135	4051	30	1835	5	-	-	113	6
1935	105	14223	135	4428	44	2398	37	9	8	138	23
1936	98	13999	143	4665	22	2529	31	2	22	70	21
1937	110	14386	131	4774	51	2714	42	16	10	73	39
1938	106	14419	136	4713	47	2361	30	-	-	95	29
10 Yr. Ave.	104	14404	138	4665	39	2521	32	6	16	114	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	100	17	-	-	20	28	-	43	1402
1930	150	13	58	19	49	37	-	62	1354
1931	75	12	8	10	32	-	34	92	1419
1932	63	8	34	20	28	-	-	88	1278
1933	58	11	44	16	22	-	-	143	1398
1934	72	4	114	14	-	-	-	184	1176
1935	83	15	471	22	167	-	-	253	1409
1936	52	13	303	13	2	10	-	295	1375
1937	55	14	227	16	82	-	-	268	1060
1938	29	16	479	19	29	-	-	165	1212
10 Yr. Ave.	74	12	174	18	43	8	3	159	1308

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	4048	9	755	10	110	-
1930	-	4338	401	636	-	-	-
1931	-	4415	412	583	-	-	-
1932	-	5305	76	663	-	-	-
1933	-	4293	103	652	-	20	2
1934	-	5659	165	587	-	-	712
1935	-	4404	87	629	-	-	-
1936	-	4198	96	634	-	-	73
1937	-	4403	239	654	-	-	89
1938	-	4682	147	672	-	-	-
10 Yr. Ave.	0	4574	174	646	1	13	88

10 Yr. Ave. Acres-Spring Wheat 24

Popcorn .2 Flaxseed 21

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS

Blackhawk Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	121	21813	180	7677	46	4310	38	19	30	168	34
1930	129	21664	168	7690	42	4301	43	35	27	120	31
1931	118	21203	180	7499	44	3985	35	20	28	132	30
1932	120	22294	186	8129	52	4199	38	20	14	192	23
1933	119	21710	182	7886	42	4258	32	-	-	153	23
1934	118	22053	187	6304	43	3767	10	-	-	17	8
1935	117	22215	190	6554	51	4047	43	5	16	37	36
1936	115	21716	189	7220	24	4142	40	-	-	28	14
1937	120	22266	186	7881	54	4412	51	39	22	75	45
1938	118	21566	183	6693	57	4167	39	58	23	85	42
10 Yr. Ave.	120	21850	183	7353	46	4159	37	20	24	101	30

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	307	17	28	-	-	101	2282
1930	-	-	316	16	12	-	-	183	2114
1931	-	-	374	15	64	-	-	171	2160
1932	-	-	325	22	49	-	-	166	2252
1933	-	-	514	20	37	-	-	150	2334
1934	-	-	797	21	-	-	-	133	2722
1935	5	30	1399	25	151	-	-	269	2587
1936	-	-	887	15	31	17	-	388	2562
1937	23	25	736	24	74	-	-	409	2073
1938	8	13	814	23	41	-	-	437	2516
10 Yr. Ave.	4	23	647	21	49	2	0	241	2360

Year	Wild Hay Acres	All Pasture acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	42	5754	71	1087	15	33	20
1930	23	5960	68	1025	-	-	-
1931	26	5761	41	1080	3	33	25
1932	8	5870	91	1123	-	36	-
1933	34	5131	215	1070	-	78	-
1934	27	6849	141	1051	-	92	286
1935	8	5963	246	1101	3	83	26
1936	29	5506	78	1083	-	81	69
1937	5	5630	72	1147	3	66	30
1938	19	5704	146	1126	-	111	78
10 Yr. Ave.	22	5813	117	1089	2	61	53

10 Yr. Ave. Acres - Spring Wheat 21

Popcorn 0 Flaxseed 6

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

14

Cedar Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	117	18312	157	5744	40	3872	30	-	-	328	26
1930	119	18383	154	6140	35	4232	36	-	-	440	26
1931	103	17784	173	5824	30	3370	28	8	9	161	26
1932	99	17841	180	6256	42	3369	36	-	-	273	19
1933	101	17781	176	6055	38	3535	28	-	-	248	21
1934	101	17775	176	5195	35	2645	8	-	-	134	10
1935	102	17604	173	5261	43	3259	37	5	7	113	27
1936	97	16587	171	5613	20	3207	31	4	21	10	21
1937	92	16576	180	5756	48	3312	44	24	22	57	18
1938	94	16579	176	5412	48	3007	32	-	-	8	31
10 Yr. Ave.	102	17522	171	5726	38	3381	32	4	17	177	23
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	79	12	-	-	-	-	-	120	1853		
1930	95	17	-	-	-	-	-	55	2305		
1931	85	15	58	12	-	-	-	112	1711		
1932	79	11	197	20	22	-	-	195	1574		
1933	76	10	168	21	-	-	-	310	1876		
1934	40	2	279	20	-	-	-	322	2127		
1935	73	14	938	21	100	-	-	301	2036		
1936	62	13	379	16	1	-	-	324	1934		
1937	75	16	617	17	15	-	-	302	1491		
1938	70	14	598	20	16	6	-	273	1840		
10 Yr. Ave.	73	13	323	19	15	1	0	231	1875		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	-	4850	340	1060	-	30	156				
1930	80	3710	65	1156	72	48	40				
1931	15	4175	382	983	712	270	30				
1932	63	4143	154	701	710	287	13				
1933	46	3960	128	734	712	243	-				
1934	48	4636	230	903	15	421	1102				
1935	48	4275	181	871	63	366	15				
1936	49	4089	150	849	8	134	98				
1937	29	3868	218	833	10	178	93				
1938	28	4279	216	858	39	148	60				
10 Yr. Ave.	41	4198	206	895	234	212	161				

10 Yr. Ave. Acres - Spring Wheat 24

* Included in "All Tame Hay."

Popcorn 0 Flaxseed 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 3
LAND UTILIZATION AND YIELDS

Cedar Falls Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	159	21658	136	7040	43	4133	39	36	21	144	34
1930	160	21755	136	7563	44	4307	42	40	23	187	37
1931	170	21732	128	7645	39	4151	33	48	21	149	30
1932	153	21428	140	7495	50	4176	40	34	16	143	27
1933	168	21465	128	7476	44	4287	36	23	17	133	26
1934	167	21755	130	6258	34	2629	6	-	-	89	6
1935	158	21622	137	6500	50	3652	46	22	22	174	24
1936	154	21629	140	7097	23	3994	35	26	28	132	25
1937	166	21784	131	7503	56	4049	52	33	22	176	26
1938	160	21547	135	6585	59	4016	40	34	24	89	31
10 Yr. Ave.	162	21638	134	7116	46	3939	38	30	21	142	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	80	15	245	16	-	-	-	222	2666
1930	21	16	171	18	-	-	-	271	2523
1931	-	-	95	18	30	-	-	297	2258
1932	10	7	131	21	-	-	-	439	2805
1933	5	7	194	20	-	-	-	433	2943
1934	-	-	258	17	-	-	-	443	2874
1935	20	16	621	21	42	-	-	522	3187
1936	18	10	253	16	-	-	-	553	2941
1937	48	19	258	22	31	-	-	545	2629
1938	32	19	753	22	41	-	-	533	2845
10 Yr. Ave.	23	16	298	20	14	0	0	426	2767

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	78	5775	153	1195	62	44	7
1930	48	5493	88	1237	-	77	-
1931	47	5891	163	1155	77	23	-
1932	46	5387	79	1076	36	10	-
1933	45	4953	109	1144	47	80	26
1934	40	7140	126	1173	121	123	924
1935	34	5745	304	1163	118	9	31
1936	32	5599	78	1248	116	50	45
1937	10	5303	311	1234	62	99	38
1938	9	5425	318	1280	-	34	86
10 Yr. Ave.	39	5671	173	1190	64	55	116

10 Yr. Ave. Acres - Spring Wheat 12

Popcorn 1 Flaxseed 2

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

16

Eagle Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	111	23017	207	8470	42	5021	36	30	18	515	24
1930	108	22774	211	8654	37	5317	38	37	34	470	27
1931	109	22988	211	8561	39	5154	32	5	20	441	28
1932	110	22493	204	8642	48	4932	37	-	-	553	25
1933	115	23261	202	8665	45	5308	35	40	30	580	24
1934	115	23108	201	6068	31	4063	7	9	3	351	6
1935	111	23172	209	7002	47	5241	37	59	19	331	32
1936	113	23105	204	7762	23	5178	33	9	26	158	21
1937	107	22718	212	8261	53	5110	47	9	22	210	32
1938	111	23025	207	7688	57	4932	35	-	-	93	30
10 Yr. Ave.	111	22966	207	7977	43	5026	34	20	24	370	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	197	14	145	8	-	5	2062
1930	-	-	126	19	195	-	-	15	1865
1931	20	20	173	16	89	-	-	16	2064
1932	20	20	272	20	129	-	-	19	1953
1933	15	11	528	18	141	14	-	26	2083
1934	-	-	487	15	-	-	-	37	2387
1935	-	-	1567	20	388	15	-	40	2119
1936	15	30	925	13	131	-	-	130	2208
1937	20	12	1085	20	182	-	-	196	1654
1938	-	-	1414	23	117	15	-	217	1912
10 Yr. Ave.	9	18	677	19	152	5	0	70	2031

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	-	5176	49	1306	-	46	-
1930	-	4713	73	1307	-	17	-
1931	10	5073	47	1336	-	15	-
1932	15	4621	68	1285	-	3	-
1933	-	4631	37	1205	-	28	-
1934	-	5692	37	1199	-	17	2798
1935	-	5055	83	1249	-	51	27
1936	-	4996	106	1236	-	18	363
1937	-	4882	37	1233	-	28	7
1938	-	5463	21	1260	-	8	117
10 Yr. Ave.	2	5030	56	1262	0	23	331

10 Yr. Ave. Acres - Spring Wheat 7 * Included in "All Tame Hay."
 Popcorn 0 Flaxseed 0 Source: Iowa Department of Agriculture.
 (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS

East Waterloo Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	168	18634	111	5333	40	2971	30	-	-	268	23
1930	176	18035	102	5614	36	2995	34	-	-	110	32
1931	182	18746	103	5458	26	2860	26	9	20	126	22
1932	182	18554	102	6511	43	2734	36	-	-	93	20
1933	182	18821	103	6110	38	2905	26	15	11	56	26
1934	197	18527	94	5487	28	2049	8	5	4	14	8
1935	188	18723	100	5644	39	2342	39	15	11	108	28
1936	177	18367	104	5596	19	2381	32	12	18	23	19
1937	183	18778	100	6120	42	2643	47	22	11	10	25
1938	188	18662	99	5554	51	2932	32	7	15	20	22
10 Yr. Ave.	183	18585	102	5743	37	2681	32	8	13	83	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	71	12	25	10	12	-	-	229	2031
1930	87	8	122	11	-	11	-	331	1860
1931	130	10	81	16	20	-	-	344	1866
1932	143	10	126	17	-	-	8	481	1996
1933	66	13	152	13	-	78	-	552	2563
1934	140	1	265	17	-	-	-	462	2041
1935	47	10	338	19	25	-	-	543	2770
1936	64	12	489	10	-	-	-	448	2349
1937	86	20	447	15	2	-	-	455	2383
1938	158	14	367	23	4	-	9	437	2412
10 Yr. Ave.	99	10	241	16	6	9	2	428	2232

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	286	4931	803	1034	-	177	642
1930	204	4765	810	905	-	185	378
1931	200	4992	1388	981	10	207	418
1932	150	4713	343	1033	90	138	476
1933	216	4437	425	993	113	205	565
1934	142	6046	409	985	72	135	737
1935	183	5290	367	971	15	93	495
1936	134	5206	332	1014	95	306	366
1937	175	5070	322	1024	11	135	328
1938	174	5447	288	1112	10	117	51
10 Yr. Ave.	186	5090	551	1005	42	170	446

10 Yr. Ave. Acres - Spring Wheat 17 *Included in "All Tame Hay."

Popcorn 9 Flaxseed 1 Source: Iowa Department of Agriculture,
(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 11
LAND UTILIZATION AND YIELDS

Fox Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	137	22144	162	7315	39	4739	31	-	-	275	23
1930	136	22161	163	7651	39	4999	37	-	-	69	31
1931	137	22144	162	7553	34	4852	30	4	28	68	33
1932	138	22124	160	7841	43	4493	34	-	-	22	28
1933	137	21695	158	7461	43	4978	32	-	-	55	28
1934	135	21130	157	6046	34	4091	9	-	-	15	3
1935	140	21400	153	6404	46	4611	37	-	-	51	27
1936	134	21533	161	7361	24	4660	29	-	-	3	30
1937	138	21727	157	7550	48	4806	47	-	-	17	32
1938	140	21625	154	7260	48	4513	33	-	-	32	36
10 Yr. Ave.	137	21768	159	7244	41	4674	32	.4	28	61	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	100	9	159	11	10	20	-	105	2581
1930	28	12	121	13	-	30	-	95	2081
1931	18	19	120	12	20	-	-	81	2383
1932	37	12	67	15	21	-	-	110	2396
1933	41	11	91	14	-	103	-	155	2612
1934	4	5	28	14	-	-	-	162	2606
1935	36	11	48	12	2	-	-	246	3040
1936	41	23	24	11	-	-	-	310	2560
1937	86	27	150	10	2	-	-	320	2093
1938	23	15	219	19	-	-	-	268	2305
10 Yr. Ave.	41	16	103	13	6	15	0	185	2466

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	257	5954	27	727	-	-	-
1930	286	6007	41	778	-	100	-
1931	298	5945	21	842	-	-	20
1932	250	5797	27	1133	4	6	30
1933	234	4981	62	1091	-	18	71
1934	159	5337	33	1121	2	9	1679
1935	223	5732	67	1112	12	32	30
1936	262	5313	42	1193	-	22	52
1937	198	5525	68	1167	2	11	52
1938	177	5800	86	1172	-	19	19
10 Yr. Ave.	234	5639	47	1034	2	22	195

10 Yr. Ave. Acres - Spring Wheat 3

Popcorn 0 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Lester Township

Esterline Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		IN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	123	22395	182	6084	42	3764	32	7	30	185	27
1930	127	22207	175	6352	42	4157	37	8	30	133	33
1931	129	22574	175	6539	29	3822	34	-	-	144	28
1932	130	21704	167	6556	49	4061	37	-	-	81	27
1933	132	22603	171	6797	46	4304	31	8	12	73	18
1934	135	22616	168	5625	39	3467	9	7	4	46	17
1935	131	22626	173	5687	41	3678	34	8	31	16	20
1936	128	22761	178	6162	25	3849	36	34	24	20	26
1937	130	22666	174	6666	44	3834	46	89	20	23	35
1938	128	22608	177	6015	54	3997	37	62	22	10	43
10 Yr. Ave.	129	22476	174	6248	42	3893	34	22	22	73	27
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	129	9	15	9	14	83	-	26	2261		
1930	181	10	69	14	11	-	-	48	2063		
1931	106	10	16	16	30	120	-	84	1937		
1932	40	8	71	22	11	53	-	90	1952		
1933	21	10	82	18	46	239	-	74	2114		
1934	24	6	167	19	25	-	-	61	2527		
1935	39	11	385	18	122	38	-	100	2705		
1936	40	14	259	12	20	110	-	83	2240		
1937	94	14	277	18	-	-	-	92	1987		
1938	58	14	291	23	10	7	-	77	1917		
10 Yr. Ave.	73	11	163	18	29	65	0	74	2170		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
	Acres	Acres	Acres	Acres	Acres	Acres	Acres				
1929	545	8428	48	887	28	-	-				
1930	433	7906	16	848	20	10	-				
1931	356	8319	29	1027	29	220	-				
1932	403	7655	54	805	15	-	-				
1933	293	7433	75	1008	71	260	18				
1934	339	8913	106	831	62	83	394				
1935	342	8672	98	847	12	15	-				
1936	252	8819	7	927	15	30	87				
1937	461	8003	22	953	13	130	114				
1938	346	8827	17	948	9	75	26				
10 Yr. Ave.	377	8298	47	908	27	82	64				

10 Yr. Ave. Acres - Spring Wheat 6

Popcorn 0 Flaxseed 0

(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WINTER WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	115	22322	194	8100	43	4367	38	21	30	729	28
1930	117	22424	192	8099	40	4603	42	25	16	591	38
1931	113	22283	197	8672	42	4179	35	-	-	800	32
1932	116	22626	195	8939	50	4210	39	-	-	1186	23
1933	115	22170	193	8454	50	4419	37	-	-	878	25
1934	113	23142	205	6830	37	2677	7	-	-	658	7
1935	113	22363	198	6793	50	3599	39	50	25	841	32
1936	113	22372	198	7864	34	4231	42	-	-	354	26
1937	113	22416	198	8182	61	4511	48	23	23	449	32
1938	115	22499	196	7556	64	4213	34	20	20	404	31
10 Yr. Ave.	114	22462	197	7949	48	4101	37	14	23	689	27
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	30	20	93	15	65	-	-	10	2437		
1930	-	-	134	15	34	-	-	22	2158		
1931	15	20	97	16	50	-	-	30	1881		
1932	-	-	113	23	25	-	-	91	1949		
1933	-	-	150	22	-	-	-	205	2294		
1934	-	-	346	18	-	-	-	121	2734		
1935	37	27	1122	22	379	-	-	166	2591		
1936	-	-	810	15	29	-	-	140	2162		
1937	35	42	794	24	111	-	-	265	2097		
1938	30	37	1025	27	79	-	-	262	2313		
10 Yr. Ave.	15	30	468	22	77	0	0	131	2262		
Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Tim- ber only	Waste- land	Idle Crop Land				
	Acres	Acres	Acres	Acres	Acres	Acres	Acres				
1929	-	5176	2	1302	-	-	-				
1930	-	5459	-	1321	-	-	-				
1931	-	5266	-	1318	-	5	-				
1932	-	4874	27	1303	-	-	-				
1933	-	4755	3	1217	-	-	-				
1934	-	6861	2	1269	-	-	1765				
1935	-	5611	85	1205	-	50	-				
1936	-	5530	108	1269	-	-	15				
1937	-	4989	-	1195	-	-	30				
1938	23	5535	8	1199	-	56	38				
10 Yr. Ave.	2	5406	24	1260	0	11	185				

10 Yr. Ave. Acres - Spring Wheat 1
 Popcorn 0 Flaxseed 0
 (Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."
 Source: Iowa Department of Agriculture.
 Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Mt. Vernon Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIM. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	166	22719	137	7151	41	4080	32	6	17	348	22
1930	172	22686	132	7542	35	3979	36	21	17	195	25
1931	169	22736	135	7607	34	3953	25	34	17	125	19
1932	189	22714	120	8333	45	3622	37	36	14	221	19
1933	176	22720	129	7540	41	4287	30	23	12	52	27
1934	173	22608	131	6242	25	2310	7	9	2	5	1
1935	174	22783	131	6777	44	3451	38	17	26	76	30
1936	171	22757	133	7291	20	3694	6	70	16	88	22
1937	168	22759	135	7088	44	3730	43	79	19	60	38
1938	162	22602	140	6734	53	3845	36	54	15	33	26
10 Yr. Ave.	172	22708	132	7230	39	3695	30	35	16	120	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	234	13	201	12	35	155	-	234	2420
1930	242	11	314	17	64	68	-	276	2130
1931	210	10	201	15	28	22	-	348	2399
1932	201	7	666	12	58	10	17	376	1876
1933	144	9	440	13	26	88	-	530	2831
1934	55	3	396	12	-	-	-	385	2848
1935	97	15	697	19	96	3	-	482	3091
1936	153	12	341	12	49	-	2	477	2897
1937	303	17	497	14	104	-	-	402	2750
1938	396	16	499	20	76	20	8	347	2766
10 Yr. Ave.	204	12	425	15	54	37	3	386	2601

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	589	5223	415	1322	48	47	600
1930	603	5412	470	1248	46	22	398
1931	514	5404	715	1249	43	27	227
1932	534	5112	179	1426	63	128	242
1933	458	4899	339	1363	43	74	201
1934	398	6772	966	1343	21	59	1184
1935	485	5528	532	1310	64	83	479
1936	325	5779	315	1090	45	4	614
1937	444	5528	465	1167	27	23	494
1938	345	5917	396	1386	17	48	82
10 Yr. Ave.	470	5557	479	1290	42	52	452

10 Yr. Ave. Acres - Spring Wheat 26Popcorn 5 Flaxseed 0

Source: Iowa Department of Agriculture,
Division of Agricultural Statistics.

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

TABLE 15
LAND UTILIZATION AND YIELDS

22

Orange Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	132	21778	165	7477	46	4396	40	105	30	349	31
1930	137	21663	158	7504	46	4544	45	38	27	416	35
1931	130	21678	167	7756	40	4336	36	70	21	350	31
1932	129	21455	166	7801	56	4063	44	40	30	409	20
1933	134	21656	162	7638	47	4992	37	28	20	333	27
1934	132	21306	161	6253	44	3896	11	64	7	67	15
1935	133	21332	160	6456	51	4371	45	54	24	162	29
1936	128	20939	164	7472	25	4276	42	148	20	96	24
1937	125	21089	169	7898	56	4324	51	129	19	110	33
1938	125	20994	168	6992	62	4291	40	46	25	52	30
10 Yr. Ave.	130	21394	164	7325	48	4349	40	72	22	234	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy	Red & Als. Clo.	Sweet	Alfalfa	All Tame
					Acres	Acres*	Clover Acres	Acres*	Hay Acres
1929	-	-	162	15	52	-	-	378	2686
1930	-	-	265	16	96	24	-	419	2113
1931	-	-	264	18	17	-	-	369	2099
1932	12	12	295	23	31	-	-	452	2101
1933	-	-	496	20	13	57	-	531	2433
1934	2	4	626	19	-	-	-	533	3130
1935	28	15	1114	23	187	-	-	649	2662
1936	8	12	467	16	-	-	-	640	2339
1937	73	21	525	21	15	-	-	751	2079
1938	47	21	584	27	3	-	-	513	2537
10 Yr. Ave.	17	19	480	21	41	8	0	524	2418

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	-	5013	384	1154	-	-	-
1930	20	4824	611	1232	-	-	-
1931	20	5136	420	1210	-	-	-
1932	40	5104	213	1346	-	-	-
1933	18	4440	49	1192	5	19	-
1934	15	5192	58	1230	-	23	750
1935	-	4875	154	1259	-	10	-
1936	-	4655	66	1202	-	14	246
1937	-	4541	49	1267	-	-	79
1938	-	5015	92	1259	-	4	72
10 Yr. Ave.	11	4880	210	1235	.5	7	115

10 Yr. Ave. Acres - Spring Wheat 26

Popcorn 6 Flaxseed 1

(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 16
LAND UTILIZATION AND YIELDS

Poyner Township

Clymer Township											
Year	No. Farms	Acreage on Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	132	19599	148	6080	30	3493	23	-	-	119	24
1930	135	19551	145	6552	29	3318	28	-	-	41	35
1931	131	19468	149	6102	24	3877	23	-	-	9	18
1932	134	19561	146	6138	31	3740	28	-	-	30	18
1933	144	19959	139	6476	38	3859	26	-	-	3	30
1934	150	19885	133	5275	40	2698	7	8	4	22	4
1935	148	19910	135	5538	39	3010	32	8	22	25	23
1936	149	19997	134	5509	19	3215	28	-	-	-	-
1937	144	20595	143	6567	36	3433	40	17	18	36	26
1938	140	19674	141	5761	40	3443	27	3	10	12	14
10 Yr. Ave.	141	19820	141	6000	33	3409	26	4	15	30	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	356	7	77	9	5	32	-	72	1555
1930	130	9	71	12	-	-	-	117	1221
1931	339	5	111	6	-	-	-	116	1617
1932	220	5	53	10	-	-	-	156	1647
1933	144	8	170	9	-	63	-	307	1720
1934	94	3	397	8	-	-	-	293	1267
1935	121	9	517	18	-	-	-	357	2187
1936	118	7	349	10	-	-	-	397	1836
1937	109	11	416	14	-	-	-	432	1978
1938	101	11	527	16	8	-	-	265	1833
10 Yr. Ave.	173	7	269	13	1	10	0	251	1686

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	352	4458	157	1163	452	1175	157
1930	296	5066	16	1219	235	1386	-
1931	298	4303	23	1118	259	1412	-
1932	263	4053	9	1156	235	2010	7
1933	285	4133	46	1091	185	1709	138
1934	257	4839	93	1087	132	2112	1604
1935	222	4574	16	1058	667	1860	107
1936	221	4836	28	1044	675	1859	307
1937	209	4185	25	1223	157	2112	128
1938	199	4125	5	1127	130	2273	127
10 Yr. Ave.	260	4457	42	1129	313	1791	258

10 Yr. Ave. Acres - Spring Wheat 2

*Included in "All Tame Hay."

Popcorn .2 Flaxseed .5

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 17
LAND UTILIZATION AND YIELDS

Spring Creek Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	111	17310	156	4953	44	2909	26	20	15	35	22
1930	115	16975	148	4935	30	2952	30	37	17	43	20
1931	112	17058	152	5412	28	3483	24	17	19	26	28
1932	111	17103	154	5416	40	2996	29	27	16	24	22
1933	112	17313	155	5425	36	3569	25	3	10	30	15
1934	114	17764	156	4575	32	2304	6	12	2	22	5
1935	112	17775	159	4615	41	2960	31	-	-	24	20
1936	90	17402	193	5111	18	3289	25	6	13	29	12
1937	101	16873	167	5347	46	2907	44	9	27	17	30
1938	98	16749	171	4828	44	3144	27	18	5	19	21
10 Yr. Ave.	108	17232	160	5062	37	3052	27	15	14	27	19

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	24	14	-	-	-	5	-	34	1665
1930	46	12	15	13	8	-	-	33	1509
1931	10	10	-	-	-	-	-	7	1678
1932	39	12	-	-	2	-	-	65	1590
1933	21	7	41	9	18	58	-	105	1820
1934	-	-	55	17	1	-	-	136	1518
1935	46	14	361	17	64	-	-	194	2050
1936	12	16	187	7	30	-	-	204	1869
1937	51	11	144	16	9	-	-	181	1384
1938	59	11	147	16	21	32	-	155	1565
10 Yr. Ave.	31	12	95	14	15	10	0	111	1665

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	233	6433	10	751	48	205	24
1930	292	6045	18	773	88	186	28
1931	231	5327	12	722	10	125	-
1932	129	5855	32	905	5	83	-
1933	197	4793	36	768	61	510	21
1934	172	5873	253	874	337	223	1545
1935	200	5925	131	794	330	210	65
1936	186	5604	28	781	23	127	120
1937	167	5591	129	753	20	197	148
1938	162	5596	119	778	82	79	132
10 Yr. Ave.	197	5704	77	790	100	194	208

10 Yr. Ave. Acres - Spring Wheat 4

Popcorn 1 Flaxseed 0

(Acreages also shown in "All Other Crops")

* Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 18
LAND UTILIZATION AND YIELDS

Union Township

Year	No. Farms	Acreage- in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	82	11444	140	3016	41	1679	34	85	22	36	14
1930	81	10940	135	2779	34	1608	32	103	19	3	33
1931	77	11139	145	3224	30	1437	22	100	20	7	27
1932	74	10767	146	2893	42	1415	29	95	19	40	15
1933	85	11000	129	2988	36	1554	21	97	19	-	-
1934	87	11320	130	2638	34	844	6	67	4	-	-
1935	79	10886	138	2818	40	1105	35	55	19	-	-
1936	77	10880	141	2911	14	1235	26	30	17	10	10
1937	81	10926	135	2830	41	1267	40	68	20	12	31
1938	77	10625	138	2516	51	1343	34	23	20	-	-
10 Yr. Ave.	80	10993	137	2861	37	1349	29	72	18	11	17

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	-	-	24	16	-	15	-	77	1013
1930	50	10	36	12	-	-	-	113	901
1931	15	10	4	15	-	-	-	140	1015
1932	56	11	7	16	-	-	-	137	961
1933	40	8	67	14	-	-	-	161	1001
1934	-	-	24	14	-	-	-	141	1106
1935	24	8	184	18	6	-	-	168	1120
1936	26	8	122	9	-	-	-	199	1028
1937	49	21	116	18	-	-	-	206	960
1938	113	16	168	21	8	-	-	175	1107
10 Yr. Ave.	37	13	75	16	1	2	0	152	1021

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	387	3936	30	663	100	224	251
1930	407	3632	83	546	82	568	142
1931	355	3157	107	587	102	937	92
1932	405	3280	31	532	83	888	81
1933	373	3251	90	553	70	734	182
1934	339	3979	139	541	58	615	970
1935	377	3771	110	519	140	465	192
1936	356	3853	17	530	37	520	205
1937	296	3898	122	528	33	547	200
1938	310	4076	49	512	-	245	155
10 Yr. Ave.	360	3633	78	551	70	574	247

10 Yr. Ave. Acres - Spring Wheat 3Popcorn 10 Flaxseed 0

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture,
Division of Agricultural Statistics.

TABLE 19
LAND UTILIZATION AND YIELDS

Washington Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	85	10612	125	3192	32	1669	30	20	23	24	35
1930	107	11248	105	3167	28	1688	29	25	13	12	27
1931	97	11133	115	3759	23	1647	22	55	9	2	24
1932	111	10953	99	3495	34	1353	28	16	12	20	20
1933	109	11207	103	3215	30	1371	17	38	5	43	26
1934	91	11787	130	2732	23	324	6	19	7	-	-
1935	111	11636	105	3244	34	959	35	11	25	10	30
1936	114	11453	100	3321	8	1131	23	47	19	-	-
1937	109	11532	106	3337	28	1080	36	126	16	10	36
1938	108	11367	105	3003	42	1264	32	77	13	10	30
10 Yr. Ave.	104	11293	108	3246	29	1249	27	43	14	13	28

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres*	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	368	11	5	7	-	10	-	209	1080
1930	282	13	81	6	-	-	-	236	1014
1931	200	7	5	13	-	-	-	241	893
1932	161	8	-	-	-	-	-	233	921
1933	65	9	-	-	-	-	-	377	1463
1934	115	2	68	5	-	-	-	439	1143
1935	107	12	190	15	-	-	-	381	1534
1936	85	6	94	5	-	-	-	399	1432
1937	120	11	63	14	-	-	-	250	1202
1938	98	15	276	18	-	-	-	205	1284
10 Yr. Ave.	160	10	78	13	0	1	0	297	1197

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	12	3176	370	384	-	87	225
1930	12	4060	216	431	-	170	90
1931	-	3492	256	426	8	318	72
1932	10	3994	205	451	10	75	242
1933	10	3750	549	457	8	74	164
1934	-	5052	713	515	-	199	907
1935	2	4185	672	454	40	186	42
1936	6	4287	395	432	-	17	206
1937	-	4438	378	447	-	3	328
1938	7	3186	442	850	42	675	153
10 Yr. Ave.	6	3962	420	485	11	180	243

10 Yr. Ave. Acres - Spring Wheat 10

*Included in "All Tame Hay."

Popcorn 4 Flaxseed 1

Source: Iowa Department of Agriculture, Division of Agricultural Statistics.

(Acreages also shown in "All Other Crops")

TABLE 20
LAND UTILIZATION AND YIELDS

Waterloo Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	75	6238	80	1643	42	906	35	-	-	56	17
1930	86	6109	71	1525	43	963	50	-	-	10	24
1931	101	6126	61	1653	37	824	35	-	-	2	12
1932	84	6208	74	1983	47	875	41	-	-	155	22
1933	76	6195	82	1742	36	685	27	-	-	73	22
1934	107	7132	67	1501	37	440	8	-	-	6	10
1935	87	6483	75	1603	50	799	43	-	-	19	34
1936	94	6265	67	1637	26	832	31	-	-	9	31
1937	70	6473	82	1376	47	753	50	-	-	17	43
1938	95	5937	63	1556	51	811	40	11	21	3	31
10 Yr. Ave.	89	6325	71	1679	43	790	38	1	21	35	23
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Alb. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	-	-	16	19	-	-	-	31	515		
1930	-	-	36	18	-	-	-	53	553		
1931	-	-	24	17	-	-	-	71	686		
1932	-	-	19	20	-	-	-	52	752		
1933	3	24	67	11	-	-	-	71	603		
1934	-	-	64	20	-	-	-	100	989		
1935	-	-	205	20	-	-	-	80	829		
1936	-	-	201	15	-	-	-	119	692		
1937	16	26	224	16	-	-	-	34	615		
1938	7	14	165	23	-	1	-	13	633		
10 Yr. Ave.	3	23	102	18	0	.1	0	67	687		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Builds., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
	Acres	Acres	Acres	Acres	Acres	Acres	Acres				
1929	48	2316	365	271	-	97	-				
1930	49	2150	336	249	-	50	120				
1931	49	2019	476	268	-	125	-				
1932	31	1932	107	327	-	27	-				
1933	47	2278	128	298	74	162	35				
1934	24	3008	444	300	170	54	182				
1935	47	2163	389	303	14	45	64				
1936	36	1931	306	339	100	35	97				
1937	41	1865	229	322	331	144	35				
1938	35	2049	163	308	27	85	114				
10 Yr. Ave.	41	2171	294	304	72	82	65				

10 Yr. Ave. Acres - Spring Wheat 1

*Included in "All Tame Hay."

Popcorn 1 Flaxseed 2

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 21
LAND UTILIZATION AND YIELDS

28

Total Incorporated Town Data - Castle Hill, Cedar Falls, Cedar Heights, Dunkerton,
Hudson, La Porte City, Waterloo

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		WIN. WHEAT		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	96	2854	30	686	46	400	36	-	-	-	-
1930	111	3151	28	813	37	379	40	-	-	-	-
1931	129	3144	24	906	37	250	38	-	-	9	25
1932	88	3003	34	1037	47	400	42	-	-	-	-
1933	85	2891	34	950	42	347	34	-	-	-	-
1934	107	3156	29	1001	35	349	13	-	-	-	-
1935	138	3634	26	1058	40	390	37	-	-	-	-
1936	124	3658	30	1187	25	363	29	-	-	2	10
1937	122	3865	32	1245	50	338	42	-	-	28	24
1938	151	3645	24	1131	49	190	41	73	33	-	-
10 Yr. Ave.	115	3300	29	1001	41	341	35	7	33	4	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	4	25	5	10	-	-	-	31	253
1930	-	-	-	-	-	-	-	42	216
1931	-	-	-	-	-	-	-	58	322
1932	-	-	-	-	-	-	-	65	289
1933	27	13	8	21	-	-	-	65	271
1934	-	-	29	5	-	-	-	128	395
1935	35	11	78	16	-	-	-	146	395
1936	-	-	60	14	-	-	-	63	322
1937	8	30	65	20	-	-	-	119	304
1938	23	15	62	21	-	-	-	115	348
10 Yr. Ave.	10	15	31	17	0	0	0	83	312

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	-	923	370	131	62	10	10
1930	-	1057	470	150	16	34	16
1931	-	927	457	141	78	27	27
1932	-	943	105	139	16	-	74
1933	-	964	147	118	19	38	2
1934	-	858	228	180	49	13	54
1935	35	1060	343	160	41	17	22
1936	14	1160	220	174	47	36	73
1937	3	1363	208	186	39	30	48
1938	-	1210	280	184	118	10	16
10 Yr. Ave.	5	1046	283	156	48	22	34

10 Yr. Ave. Acres - Spring Wheat 1 *Included in "All Tame Hay."

Popcorn 1 Flaxseed 0 Source: Iowa Department of Agriculture,

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 22
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	16,048	6,862	3,511	305	-	27,294
1880	37,097	12,934	11,814	256	4,404	67,183
1890	52,177	18,810	14,735	264	2,671	66,494
1900	55,025	21,182	14,165	182	4,739	85,862
1910	52,165	19,886	15,428	153	4,500	71,776
1920	53,509	17,054	14,478	329	4,165	90,751
1925	50,969	21,307	12,113	437	3,972	93,642
1930	45,875	19,747	9,394	699	6,333	96,323
1935	54,848	23,576	8,595	366	19,362	75,362
1936	54,401	22,995	8,792	338	11,852	89,658
1937	54,439	22,901	8,569	333	10,421	87,304
1938	53,756	22,665	7,954	316	8,628	94,292
1939	54,040	22,792	7,339	257	10,014	103,522

The figures in this table for the years 1870-1935, inclusive, have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 25 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

*Includes Milk Cows.

TABLE 23
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Barclay	479	32	3026	45	4360	500	32	3003	32	4163
Bennington	643	5	3672	354	5364	583	17	3843	323	5486
Big Creek	326	8	1816	410	2527	284	6	1766	485	2825
Black Hawk	510	16	3799	1020	5319	471	19	3570	543	4366
Cedar	390	13	2306	90	3222	353	12	2184	1005	2771
Cedar Falls	545	10	4234	1062	5575	500	11	3984	432	5143
Eagle	576	12	3521	105	5411	515	8	3560	129	5341
East Waterloo	504	26	2990	254	2892	465	20	2855	386	2774
Fox	465	18	2550	69	4600	529	19	2790	61	4833
Lester	597	26	3322	857	4523	570	16	3288	284	3883
Lincoln	467	25	4524	880	5928	471	26	4281	937	5080
It. Vernon	679	12	3437	534	4803	623	26	3338	564	4684
Orange	523	23	4482	1675	5416	499	10	4318	1397	5142
Poyner	341	10	2118	103	3237	321	12	2041	84	2882
Spring Creek	416	16	2230	144	3234	369	7	2285	128	2851
Union	283	11	1531	18	1447	267	16	1522	101	1112
Washington	214	4	1287	79	917	191	12	885	64	475
Waterloo	139	3	868	-	917	151	3	914	23	746
ALL TOWNS	61	7	347	-	105	161	5	484	41	512
COUNTY	8158	277	52060	7699	69800	7823	277	50911	6819	65069

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Barclay	481	32	2868	92	4068	458	14	3149	319	4962
Bennington	523	13	3845	323	5349	493	18	4108	285	7367
Big Creek	265	3	1827	204	2641	253	12	1839	135	3491
Black Hawk	402	22	3780	475	5065	371	14	3694	850	5877
Cedar	305	8	2209	1075	2636	286	6	2137	1115	3492
Cedar Falls	479	9	4018	419	4882	448	4	4112	652	6240
Eagle	447	13	3202	-	5349	411	10	3637	30	5945
East Waterloo	438	25	2776	264	2923	412	16	2853	89	2796
Fox	523	19	2806	21	6046	489	17	3026	22	6842
Lester	557	18	3326	234	4363	542	19	3058	174	5700
Lincoln	426	19	4056	1169	5389	400	16	4188	1425	5239
It. Vernon	593	24	3312	624	4948	556	20	3438	314	5730
Orange	462	9	3910	616	5487	421	13	4344	571	6468
Poyner	407	18	2329	195	3363	272	7	2299	168	4129
Spring Creek	361	3	2208	148	2697	347	3	2136	222	4049
Union	248	16	1408	61	1286	241	12	1463	149	1637
Washington	188	12	1094	48	888	208	14	1107	643	1489
Waterloo	124	3	905	4	859	104	3	955	33	877
ALL TOWNS	64	2	392	22	325	61	2	422	3	90
COUNTY	7293	268	50271	5994	68564	6773	220	51965	7199	82420

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 22 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 24
CREAMERY STATISTICS
1905-1938

Year	Number of Creameries In County	Butter Made	Butter Sold In Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	15	2,227	466	1,762
1906	16	2,146	505	*
1907	15	2,144	527	*
1908	15	2,375	407	*
1909	15	2,165	679	*
1910	14	2,198	611	*
1911	13	2,841	1,198	*
1912	15	2,715	833	1,330
1913	14	2,210	598	1,613
1914	14	2,457	809	1,628
1915	13	2,059	640	1,302
1916	12	1,844	598	1,247
1917	13	2,516	955	1,564
1918	12	1,951	710	1,198
1919	10	2,535	777	1,419
1920	11	2,071	649	1,452
1921	9	1,797	1,040	719
1922	10	2,283	1,369	397
1923	8	2,439	1,239	1,247
1924	9	2,582	1,251	1,334
1925	9	2,575	956	1,619
1926	9	3,007	1,165	1,837
1927	9	2,359	887	1,543
1928	10	3,332	1,265	2,129
1929	9	3,506	1,201	2,307
1930	8	3,246	1,046	2,191
1931	7	3,669	1,170	2,522
1932	7	3,723	807	2,915
1933	7	4,060	712	3,343
1934	7	4,726	855	3,371
1935	7	4,602	1,014	3,573
1936	7	4,764	1,032	3,731
1937	6	4,344	925	3,417
1938	6	5,204	920	4,284

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

*Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	124,619	515,506
1885	151,785	455,186
1890	195,554	858,925
1895	168,425	744,055
1900	195,041	922,780
1905	226,278	740,412
1910	288,843	975,571
1915	318,053	1,288,392
1920	320,671	1,402,739
1925	354,327	1,641,597
1930	345,246	2,078,617
1935	310,221	1,573,975

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

TABLE 26
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	2404	2143	1917	31	17	200	88	2	173	0
1932	2375	2188	1920	36	21	222	100	2	264	5
1934	2439	2175	1432	20	33	93	30	27	448	4
1936	2365	2167	1749	43	22	75	79	$\frac{1}{1}$	473	2
1938	2403	2185	1891	52	25	67	135	$\frac{1}{1}$	771	2
Average	2397	2172	1782	36	24	131	86	10	426	3
Year	Pop-corn	HAY CROPS								Wild Hay
		Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	
1930	7	1251	281	390	$\frac{1}{1}$	82	257	4	262	421
1932	21	676	375	884	32	182	589	26	756	380
1934	5	630	404	1526	146	48	242	161	1510	329
1936	3	1202	528	1105	49	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	169	343
1938	10	1046	492	1475	103	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	83	322
Average	9	961	416	1076	82	104	363	64	556	359
Year	GRASS SEED				All Pasture	LIVESTOCK				
	Timothy	Red & Alsike Clover	Sweet Clover	Horses		Mules	Cattle	Sheep	Hogs	Scws for Spring Farrow
1930	46	18	0	2195	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1666
1932	55	6	5	2195	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1683
1934	2	0	0	2210	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	$\frac{1}{1}$	1601
1936	26	12	1	2173	1897	133	1999	280	1803	1605
1938	52	12	2	2121	1855	108	2013	253	1828	1738
Average	36	10	2	2179	1876	120	2006	266	1816	1659
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Trac-tors	Trucks	Autos	Radios	Pota-toes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	675	414	1921	1019	401	61	50	175	57	247
1932	632	339	1874	811	344	272	37	208	43	124
1934	685	272	1979	1102	533	137	62	282	866	331
1936	966	259	1908	1570	346	131	38	203	243	363
1938	1354	318	1954	1768	$\frac{1}{1}$	$\frac{1}{1}$	42	267	101	375
Average	862	320	1927	1254	406	150	46	227	262	288

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

$\frac{1}{1}$ Not given in source.

TABLE 27
FARM AND LAID TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	969	43.5	131,803	38.8	170	7.6	32,147	9.5
1930	1,029	42.8	126,258	37.1	149	6.2	29,659	8.7
1932	1,067	44.9	135,549	39.7	161	6.8	32,249	9.4
1934	1,036	42.5	125,273	36.3	171	7.0	28,819	8.3
1936	1,014	42.8	122,004	35.8	179	7.6	34,422	10.1
1938	1,140	47.4	136,199	40.1	170	7.1	35,143	10.3
1928 - 38 Average	1,042	44.0	129,515	38.0	167	7.0	32,073	9.4
Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	1,089	48.9	175,503	51.7	2,228	100.0	339,453	100.0
1930	1,226	51.0	184,587	54.2	2,404	100.0	340,504	100.0
1932	1,147	48.3	173,812	50.9	2,375	100.0	341,610	100.0
1934	1,232	50.5	191,231	55.4	2,439	100.0	345,323	100.0
1936	1,172	49.6	184,407	54.1	2,365	100.0	340,833	100.0
1938	1,093	45.5	168,541	49.6	2,403	100.0	339,833	100.0
1928 - 38 Average	1,160	49.0	179,680	52.6	2,369	100.0	341,268	100.0

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 28
YEARS OF TENURE
January 1, 1935

Owners	Black Hawk County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	63	6.5	4,442	5.2
1 year	51	5.3	3,198	3.8
2 years	41	4.2	3,282	3.8
3 years	36	3.7	2,857	3.4
4 years	39	4.0	3,228	3.8
5-9 years	157	16.2	11,726	13.8
10-14 years	126	13.0	11,279	13.2
15 years and over	457	47.1	45,076	53.0
TOTALS	970	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	247	20.4	21,763	20.1
1 year	158	13.2	15,053	13.9
2 years	107	9.0	11,555	10.7
3 years	122	10.2	8,285	7.7
4 years	87	7.3	7,564	7.0
5 years and over	476	39.9	43,333	40.6
TOTALS	1,194	100.0	108,046	100.0

Source: U. S. Agricultural Census.

TABLE 29
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms									
	1928		1930		1932		1934		1936	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0- 9	53	2.38	75	3.12	60	2.53	98	4.02	82	3.47
10- 29	109	4.89	152	6.32	129	5.43	162	6.64	153	6.47
30- 49	96	4.31	131	5.45	131	5.52	137	5.62	116	4.91
50- 69	52	2.34	68	2.83	80	3.37	69	2.83	72	3.04
70-109	442	19.85	505	21.01	503	21.18	480	19.58	465	19.86
110-149	373	16.75	376	15.64	374	15.75	393	16.11	380	16.07
150-189	523	23.48	555	23.09	541	22.78	551	22.59	543	22.96
190-229	197	8.85	201	8.36	211	8.88	215	8.82	209	8.84
230-269	181	8.13	159	6.61	178	7.50	155	6.36	166	7.02
270-309	76	3.41	63	2.62	54	2.27	59	2.42	55	2.24
310-349	70	3.14	65	2.71	58	2.44	62	2.54	61	2.56
350-389	17	.76	19	.79	16	.67	22	.90	25	1.06
390-429	16	.72	14	.58	12	.51	12	.49	15	.63
430-469	6	.27	5	.21	8	.34	6	.25	5	.21
470-509	4	.18	4	.17	7	.30	6	.25	8	.34
510-549	0	0	3	.12	2	.08	1	.04	3	.13
550-589	4	.18	1	.04	2	.08	2	.08	2	.08
590-629	3	.13	4	.17	4	.17	5	.20	4	.17
630-669	1	.05	1	.04	2	.08	1	.04	1	.04
670-709	2	.09	0	0	1	.04	2	.08	1	.04
710-over	2	.09	3	.12	2	.08	1	.04	1	.04
Total Farms	2227	100.00	2404	100.00	2375	100.00	2439	100.00	2365	100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 30
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	2,160	242	466	295
1927	2,219	280	547	538
1928	2,283	377	584	685
1929	2,283	405	627	833
1930	2,305	592	639	975
1931	2,222	421	673	1,028
1932	2,246	404	718	1,058
1933	2,095	346	647	836
1934	2,176	309	688	934
1935	2,196	280	708	1,153
1936	2,173	300	861	1,415
1937	2,105	271	1,021	1,573
1938	2,181	312	1,268	1,774
1939	2,129	336	1,410	1,803

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture,

TABLE 31
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insur- ance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Barclay	1206	470	-	525	-	200	2401	11.21
Bennington	840	80	-	185	200	160	1465	6.71
Big Creek	693	165	460	-	280	-	1598	10.28
Black Hawk	1315	160	-	585	-	320	2380	10.92
Cedar	559	-	105	152	280	-	1096	6.47
Cedar Falls	597	207	209	-	-	26	1039	5.02
Eagle	2483	380	360	160	-	-	3383	14.99
East Waterloo	433	86	248	-	54	90	911	4.46
Fox	1040	100	-	520	-	200	1860	8.25
Lester	925	200	-	531	110	-	1766	7.60
Lincoln	1906	160	218	145	-	-	2429	10.89
Mt. Vernon	792	326	240	240	-	-	1598	7.27
Orange	977	240	160	334	-	160	1871	8.44
Poyner	832	500	220	70	100	275	1997	9.75
Spring Creek	852	321	153	545	635	-	2506	16.14
Union	1461	-	-	-	310	-	1771	15.99
Washington	243	592	-	100	-	-	935	10.22
Waterloo	70	-	-	-	70	-	140	2.21
County Total	17224	3987	2373	4092	2039	1431	31146	9.27

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 32
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insur- ance Com- panies	Banks	Land & Mort- gage Com- panies	Fed- eral land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Barclay	1330	910	-	525	-	200	2965	13.85
Bennington	480	-	-	185	200	160	1025	4.70
Big Creek	613	-	460	-	440	-	1513	9.73
Black Hawk	1585	-	-	660	-	320	2565	11.77
Cedar	320	-	105	152	-	32	609	3.59
Cedar Falls	552	183	209	-	-	-	944	4.56
Eagle	2742	-	-	-	-	240	2982	13.21
East Waterloo	353	36	208	-	-	90	687	3.37
Fox	880	100	-	660	-	200	1840	8.16
Lester	1005	400	-	240	305	40	1990	8.56
Lincoln	1979	160	58	225	160	-	2582	11.57
Mt. Vernon	511	280	160	240	-	-	1191	5.42
Orange	777	-	160	324	-	160	1421	6.41
Poyner	717	366	260	70	-	433	1846	9.01
Spring Creek	1207	255	153	440	320	-	2375	15.30
Union	991	-	-	-	138	-	1129	10.19
Washington	165	552	-	210	-	10	937	10.25
Waterloo	70	-	-	40	-	-	110	1.73
County Total	16277	3242	1773	3971	1563	1885	28711	8.54

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 33
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	2,345	344,200	\$ -	\$ -	\$ 8,240,217	\$ 23.94	\$ 3,514
1890	2,206	339,978	-	-	10,914,650	32.10	4,948
1900	2,257	349,194	14,943,470	3,354,200	18,297,670	52.40	8,107
1910	2,168	340,103	32,614,464	5,503,431	38,117,895	112.08	17,582
1920	2,358	339,771	71,012,499	11,304,117	82,316,616	242.27	34,910
1925	2,406	339,677	4,785,262	12,679,618	57,464,880	169.18	23,884
1930	2,384	336,043	30,442,038	13,368,415	43,810,453	130.37	18,377
1935	2,465	338,878	-	-	27,564,624	81.34	11,182

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U.S. Agricultural Census •

TABLE 34
 REAL PROPERTY AND MONEYS AND CREDITS TAXES
 COLLECTIBLE IN 1939, FOR ALL PURPOSES
 (Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 73,062.29	\$ 47,067.89	\$ 120,130.18
Soldiers' Bonus Tax	22,636.69	8,748.42	31,385.11
General County Tax	54,796.70	35,306.22	90,102.92
Court Expense Tax	19,178.84	12,357.07	31,535.91
Poor Tax	54,796.70	35,306.20	90,102.90
Insane Tax, State Hospital	11,251.59	7,249.48	18,501.07
Insane Tax, County Hospital	6,210.29	4,001.28	10,211.57
County School Tax	9,132.76	5,884.34	15,017.10
Soldiers' Relief Tax	9,132.76	5,884.37	15,017.13
General County Bond Tax	37,407.92	24,102.32	61,510.24
Court House Tax	-	-	-
Emergency Tax	36,494.62	23,513.88	60,008.50
Bovine Tuberculosis Eradication	4,566.41	2,942.11	7,508.52
Secondary Roads - Construction	9,487.85	11,792.24	21,280.09
Secondary Roads - Maintenance	15,467.41	94,926.57	110,393.98
District School Tax	884,074.61	234,672.48	1,118,747.09
City Tax	542,994.03	-	542,994.03
Miscellaneous Taxes	29,398.63	18,722.81	48,121.44
Total	1,820,090.10	572,477.68	2,392,567.78*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
 State Board of Assessment and Review.

TABLE 35
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	22	21	23
2. One-room rural elementary	74	72	71
3. Two-room (or more) rural elementary	1	1	-
4. Elementary, not rural	34	32	29
5. Separately organized Jr. High	-	5	6
6. Jr.-Sr. High, one organization	2	3	2
7. Separately organized Sr. High	2	4	3
8. Regular High, 4 years or less	7	3	4
9. Junior College	-	-	-
Total Number of Schools	142	141	138

TABLE 36
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	941	963	1,078
2. One-room rural elementary	1,076	1,323	1,347
3. Two-room (or more) rural elementary	209	68	-
4. Elementary, not rural	6,906	6,686	6,612
5. *Jr.-Sr. High, one organization	3,591	4,668	4,773
6. Regular High, 4 years or less	206	190	302
7. Junior College	-	-	-
Total Enrollment in all Schools	12,929	13,898	14,112

*Includes enrollment for School Types 5, 6 and 7 in Table 35.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 57
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	-	209.95	209.95
Improved	-	-	7.00	7.00
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	14.40	131.45	554.37	700.22
Stone	-	-	-	-
Paved				
Bituminous	-	-	-	-
Concrete	77.30	-	-	77.30
Brick	-	3.50	.08	3.58
County Total	91.70	134.95	771.40	998.05

Source: Annual Report, 1938,
Iowa Highway Commission.